

Abstract of the Disclosure

[0059] Described is an anomaly detector apparatus 10 for detecting an anomaly in a tire comprising: a source of coherent light 18 to shine the light 27 directly onto the tire surface 24 and the light being reflected 32 from the tire; a stressing apparatus 12 which can stress the tire; a reflected light receiving apparatus 40 for receiving the light 32 reflected directly from the tire surface 24 when the tire is in a stressed and unstressed condition; a processor 44 which compares images of reflected light from the reflected light receiving apparatus 40 when the tire is stressed and unstressed thereby ascertaining an anomaly in the tire and generates an output from the comparison; and a display apparatus 46 electronically connected to the processor for displaying the output from the processor.